# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 06:00 on Monday 09 Jan 2023 until 23:59 on Tuesday 10 Jan 2023

Forecast Issued on Monday 09 Jan 2023 at 02:03

**Confidence:** High for unsettled and often windy conditions through the next few day with showers or longer spells of rain or snow.

**Headline for Monday 09 Jan 2023:** Showers, wintry on the tops. Windy with summit gales.

**Mountain weather hazards on Monday 09 Jan 2023**

| | | |
|---|---|---|
| **Blizzards**<br>Low Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>High Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 800m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Heavy snow | Light snow | Light snow | Heavy snow | Heavy snow | Fog |
| Precipitation probability | | | | | |
| 30% | 30% | 30% | 70% | 60% | 30% |

**Forecast for Monday 09 Jan 2023**

**Weather:** Showers overnight, wintry on the tops. Bright spells in the morning with the odd passing shower, wintry above 500m. A cloudy afternoon with showers becoming more frequent and heavy with a chance of blizzard conditions on the high summits. A small chance of hail and thunder in the showers. Becoming mainly dry late evening.

**Chance of cloud-free hill tops above 800m:** 70% in morning, becoming 30% in afternoon.

**Low cloud and visibility:** Mainly good visibility between showers but becoming poor at times with blizzards on the high tops in the afternoon. Patchy cloud and fog above 500 or 600m, mainly over western fells and as showers pass through but becoming more persistent for a few hours in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Monday 09 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 38/44 NW | 35/41 W | 35/45 W | 39/49 W | 39/50 W | 33/42 W | 25/32 W |
| **600** | 25/33 NW | 26/35 W | 31/41 W | 32/43 W | 31/44 W | 28/38 W | 21/30 W |
| **300** | 8/30 NW | 11/30 W | 14/34 W | 14/37 W | 15/37 W | 12/31 W | 10/25 W |
| **Valley** | 8/30 NW | 10/28 W | 13/31 W | 15/34 W | 14/33 W | 11/27 W | 10/23 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | -1/-10 | -1/-10 | -1/-10 | -0/-9 | -0/-9 | -0/-8 | -1/-8 |
| **600** | 1/-6 | 1/-6 | 1/-6 | 2/-6 | 2/-6 | 2/-5 | 1/-5 |
| **300** | 4/0 | 4/-0 | 4/-1 | 4/-0 | 4/-1 | 4/-0 | 4/-0 |
| **Valley** | 6/3 | 6/3 | 6/2 | 6/2 | 6/3 | 6/3 | 6/3 |
| **Freezing Level*** | 700m | 800m | 700m | 900m | 900m | 800m | 800m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A cold and windy day up in the fells with wintry showers becoming more frequent in the afternoon.

**Forecast for Tuesday 10 Jan 2023**

**Weather:** Mainly dry overnight but rain, preceded by summit snow, will arrive by morning. The rain will continue through the day, often heavy with strong winds bringing drenching conditions. Rain clearing to showers around dusk, turning wintry above 800m later.

**Maximum wind:** South or Southwest 35 to 45mph with gusts 60mph.

**Chance of cloud-free hill tops above 800m:** Almost nil chance through the day, becoming 70% later.

**Low cloud and visibility:** Poor throughout the day with rain and extensive low cloud. Improving around dusk with cloud breaking up but still some temporary reductions in showers.

**Temperature:** **Valleys:** Plus 4C rising to 8 or 9C.
**At 800m:** 0C rising to 5C, falling to Plus 1C in evening.
**Freezing level:** 800m, rising above summits, falling to 900m in evening.

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**Ground Conditions Supplement**

Date: Sunday 8 January, Location: Helvellyn summit at 13:40. Full report: Winter has returned to the Lake District fells with fresh snow settling down to 500m. Strong SW winds were redepositing this onto predominately N through E aspects where knee deep drifts were common and pockets of soft wind slab were developing. Cornices (snow overhangs) were building above the same aspects and will be unstable as they continue to grow in size. Be aware that they may not support your weight and it can be hard to identify where the solid ground ends. Please give them a wide berth and advise others with less experience to do likewise. Crampons and an ice axe are currently essential for anyone venturing on to steeper and more exposed terrain including the Helvellyn edges. They're also strongly recommended for anyone venturing above the snow line on even the easiest paths - or at least microspikes as a minimum. Navigation was tricky today with near whiteout conditions at times and goggles were essential. Mobile phones don't like these conditions with the cold shortening battery life and the necessity to remove gloves to operate them. The combination of map, compass and a stand alone GPS device are a proven system in conditions like these. Temperature: minus 1.8C, Maximum wind speed 30.8mph, Wind chill: minus 12.0C, Average wind speed: 23.0mph.

Issued at: 02:03 on Mon 09 Jan 2023


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